

## CLAIMS

1           1.       A security identification system for providing information regarding subjects to  
2 be identified, said system comprising:

3               biometric data input means for receiving biometric data regarding a subject;

4               biometric analysis means for analyzing said biometric data and comparing it against  
5 known biometric data in a database, and for providing match data that is indicative of whether a  
6 match exists and whether the match is above a certain correlation threshold;

7               expert analysis means for automatically providing said biometric data to an analyst  
8 workstation if the match data is below a certain correlation threshold; and

9               security clearance output means coupled to said biometric analysis means and to said  
10 expert analysis means for providing an indication of whether the subject is cleared.

1           2.       The security identification system as claimed in claim 1, wherein said biometric  
2 data input means includes a miniature camera.

1           3.       The security identification system as claimed in claim 1, wherein said biometric  
2 data input means includes a micro display that is viewable only by a screener that is using the  
3 biometric data input means.

1           4.       The security identification system as claimed in claim 1, wherein said biometric  
2 data input means includes a microphone.

1           5.       The security identification system as claimed in claim 1, wherein said biometric  
2 data input means includes an earphone, a microphone, a miniature camera and a micro display.

1           6.       The security identification system as claimed in claim 1, wherein said biometric  
2 data input means includes a computer processor that is coupled to a camera and a microphone  
3 and said camera is programmed to take a picture responsive to information received by said  
4 microphone during normal conversation by a screener.

1           7.       A personal identification system for providing information regarding subjects to  
2 be identified, said system comprising:

3           a headset that may be worn by a screener, said headset including an earphone, a camera, a  
4 micro display, and a microphone; and

5           a headset processor coupled to said headset for processing image data received by said  
6 camera and for transmitting processed image data to a central facility, said central facility  
7 including:

8                   a storage medium including data regarding known high-risk individuals;

9                   an analysis processor for comparing said processed image data with said data  
10 regarding known high-risk individuals and for producing match data indicative of the  
11 level of match of said processed image data with said data regarding known high-risk  
12 individuals; and

13                   an expert analyst workstation for automatically receiving said processed image  
14 data if said match data indicates that a match is a weak match.

1           8.       The security identification system as claimed in claim 7, wherein said headset  
2 includes a micro display.

1           9.       The security identification system as claimed in claim 7, wherein said headset

2 includes a miniature camera.

1 10. The security identification system as claimed in claim 7, wherein said system  
2 further provides training and performance feedback to a screener.

1 11. The security identification system as claimed in claim 10, wherein said  
2 performance feedback to a screener is automatically provided responsive to performance data  
3 that is automatically generated by said system for each screener.

1 12. A biometric data acquisition system for use in a security identification system,  
2 said data acquisition system comprising a unit that may be worn by a screener, said unit  
3 including a miniature camera that is configured to take a picture responsive to the sound of the  
4 screener saying a certain trigger word during normal conversation by the screener.

1 13. The biometric data acquisition system as claimed in claim 12, wherein said  
2 picture includes image data of a person's face from which biometric data may be extracted.

1 14. The biometric data acquisition system as claimed in claim 12, wherein said  
2 picture includes image data of an iris of a person's eye from which biometric data may be  
3 extracted.

1 15. A method of verifying the identity of a person and checking whether the person is  
2 a high-risk individual, said method comprising the steps of:  
3 stating a keyword while looking at the subject to be identified;  
4 taking a picture responsive to the keyword of the subject; and  
5 forwarding data representative of the picture of the subject to a central facility that

6 includes data regarding known high-risk individuals in a central storage medium;

7 analyzing said data representative of the picture at the central facility.

1 16. The method as claimed in claim 15, wherein said method further comprises the  
2 steps of determining whether a match exists between said data representative of the picture and  
3 any of the data regarding known high-risk individuals, and generating match data that is  
4 indicative of whether a match exists and whether the match is strong or weak.

1 17. The method as claimed in claim 16, wherein said method further comprises the  
2 step of forwarding said data representative of the picture to an expert analyst at an expert  
3 analyst's workstation.

1 18. The method as claimed in claim 17, wherein said step of forwarding said data  
2 representative of the picture to an expert analyst at an expert analyst's workstation is responsive  
3 to said match data.

1 19. The method as claimed in claim 17, wherein said step of forwarding said data  
2 representative of the picture to an expert analyst at an expert analyst's workstation is responsive  
3 to said data regarding known high-risk individuals.